

Title (en)

UE INITIATED DISCOVERY IN ASSISTED MILLIMETER WAVELENGTH WIRELESS ACCESS NETWORKS

Title (de)

DURCH BENUTZERGERÄT INITIIERTE ENTDECKUNG IN UNTERSTÜTZTEN DRAHTLOSEN  
MILLIMETERWELLENLÄNGENZUGRIFFSNETZWERKEN

Title (fr)

DÉCOUVERTE INITIÉE PAR UN ÉQUIPEMENT UTILISATEUR (UE) DANS DES RÉSEAUX D'ACCÈS SANS FIL À LONGUEUR D'ONDE  
MILLIMÉTRIQUE ASSISTÉS

Publication

**EP 3158809 A1 20170426 (EN)**

Application

**EP 15731437 A 20150605**

Priority

- US 201414308389 A 20140618
- US 2015034546 W 20150605

Abstract (en)

[origin: US2015373627A1] A method, an apparatus, and a computer program product for wireless communication are provided. The apparatus may be a UE. The UE transmits a beamformed broadcast request signal to a base station in a plurality of transmissions in transmit spatial directions of the UE, receives a beamformed broadcast response signal from the base station in a resource of a plurality of resources, and determines a preferred transmit spatial direction of the UE based on the resource in which the beamformed broadcast response signal is received. The apparatus may be a base station. The base station scans for a beamformed broadcast request signal from a UE, determines a preferred transmit spatial direction of transmit spatial directions of the UE, determines a resource of a plurality of resources for indicating the determined preferred transmit spatial direction, and transmits a beamformed broadcast response signal to the UE in the determined resource.

IPC 8 full level

**H04W 72/04** (2009.01); **H04B 7/08** (2006.01)

CPC (source: CN EP KR US)

**H04B 7/0617** (2013.01 - EP US); **H04B 7/0619** (2013.01 - EP US); **H04B 7/0802** (2013.01 - KR); **H04W 4/06** (2013.01 - CN EP US);  
**H04W 16/28** (2013.01 - KR US); **H04W 48/16** (2013.01 - CN EP KR US); **H04W 72/046** (2013.01 - CN EP KR US);  
**H04B 7/0802** (2013.01 - EP US)

Citation (search report)

See references of WO 2015195379A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**US 2015373627 A1 20151224**; **US 9451536 B2 20160920**; BR 112016029381 A2 20170822; CN 106465070 A 20170222;  
CN 106465070 B 20180928; EP 3158809 A1 20170426; EP 3158809 B1 20190724; JP 2017525203 A 20170831; JP 6370931 B2 20180808;  
KR 101775306 B1 20170905; KR 20160149316 A 20161227; WO 2015195379 A1 20151223

DOCDB simple family (application)

**US 201414308389 A 20140618**; BR 112016029381 A 20150605; CN 201580032423 A 20150605; EP 15731437 A 20150605;  
JP 2016573048 A 20150605; KR 20167035240 A 20150605; US 2015034546 W 20150605